## What is claimed is:

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1. A home network system, comprising:

an electric device having at least two heterogeneous function means;

a network based on a predetermined protocol; and

a network manager for controlling and/or monitoring the electric device through the network, the electric device including a packet processing device having one node address provided by the network manager, generating a packet having the node address, transmitting the packet to the network manager, receiving the packet having the node address from the network manager, and enabling the heterogeneous function means corresponding to a command included in the packet to execute the command.

- 2. The system of claim 1, wherein the electric device comprises one physical communication interface with the network.
- 3. The system of claim 1, wherein the commands are divided according to the heterogeneous function means, and the packet processing device transmits the command to the corresponding heterogeneous function means, so that the heterogeneous function means can execute the command.
- 4. The system of claim 1, wherein the packet processing device enables the heterogeneous function means corresponding to the command to execute the command according to characteristics of the command.

5. The system of claim 1, wherein the protocol is a living network control

protocol (LnCP).

6. The system of any one of claims 1 to 5, wherein the packet processing device is a slave device.

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- 7. The system of any one of claims 1 to 5, wherein the packet processing device comprises a master device and a slave device.
- 8. The system of any one of claims 1 to 5, wherein the packet processing device comprises a master device, a slave deice and a network management device.
  - 9. An electric device, comprising:

at least two heterogeneous function means;

a communication interface accessing a predetermined protocol for connection to a network manager; and

a packet processing device having one node address provided by the network manager, generating a packet having the node address, transmitting the packet to the network manager through the communication interface, receiving the packet having the node address from the network manager through the communication interface, and enabling the heterogeneous function means corresponding to a command included in the packet to execute the command.

10. The electric device of claim 9, wherein the commands are divided according to the heterogeneous function means, and the packet processing device transmits the command to the corresponding heterogeneous function means, so

that the heterogeneous function means can execute the command.

11. The electric device of claim 9, wherein the packet processing device enables the heterogeneous function means corresponding to the command to execute the command according to characteristics of the command.

- 12. The electric device of claim 9, wherein the protocol is a living network control protocol (LnCP).
- 13. The electric device of any one of claims 9 to 12, wherein the packet processing device is a slave device.
  - 14. The electric device of any one of claims 9 to 12, wherein the packet processing device comprises a master device and a slave device.

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15. The electric device of any one of claims 9 to 12, wherein the packet processing device comprises a master device, a slave deice and a network management device.

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16. A home network system, comprising:
an electric device having at least two heterogeneous function means;
a network based on a predetermined protocol; and

a network manager for controlling and monitoring the electric device through the network, the electric device including a plurality of packet processing devices each respectively having a node address provided by the network manager corresponding to the heterogeneous function means, generating a packet

having the node address, transmitting the packet to the network manager, receiving the packet having the node address from the network manager, and enabling the heterogeneous function means to execute a command included in the packet.

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17. The system of claim 16, wherein the number of the packet processing devices corresponds to the number of the heterogeneous function means.

18. The system of claim 16, wherein the electric device comprises one

physical communication interface with the interface.

19. The system of claim 18, wherein the electric device further comprises a device arbitrator for enabling the packet processing devices to share the physical

communication interface.

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20. The system of claim 19, wherein the device arbitrator confirms the status of the packet processing devices, and makes the other packet processing devices stop operations or merely receive packets when one of the packet

processing devices transmits a predetermined packet.

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21. The system of claim 16, wherein the protocol is a living network control protocol (LnCP).

22. The system of any one of claims 16 to 21, wherein the packet

25 processing device is a slave device.

23. The system of any one of claims 16 to 21, wherein the packet processing device comprises a master device and a slave device.

- 24. The system of any one of claims 16 to 21, wherein the packet processing device comprises a master device, a slave deice and a network management device.
  - 25. An electric device, comprising:

at least two heterogeneous function means;

- a communication interface accessing a predetermined protocol for connection to a network manager; and
- a plurality of packet processing devices each respectively having a node address provided by the network manager corresponding to the heterogeneous function means, generating a packet having the node address, transmitting the packet to the network manager, receiving the packet having the node address from the network manager, and enabling the heterogeneous function means to execute a command included in the packet.
- 26. The electric device of claim 25, wherein the number of the packet processing devices corresponds to the number of the heterogeneous function means.
  - 27. The electric device of claim 25, further comprising a device arbitrator for enabling the packet processing devices to share the communication interface.
    - 28. The electric device of claim 27, wherein the device arbitrator confirms

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the status of the packet processing devices, and makes the other packet processing devices stop operations or merely receive packets when one of the packet processing devices transmits a predetermined packet.

29. The electric device of claim 25, wherein the protocol is a living network control protocol (LnCP).

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- 30. The electric device of any one of claims 25 to 29, wherein the packet processing device is a slave device.
- 31. The electric device of any one of claims 25 to 29, wherein the packet processing device comprises a master device and a slave device.
- 32. The electric device of any one of claims 25 to 29, wherein the packet processing device comprises a master device, a slave deice and a network management device.